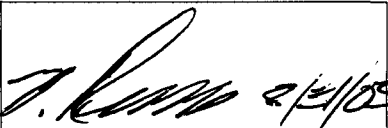


Office of Environment, Safety and Health	Surveying and Cataloging Nuclear Safety Research	 Approved _____ Date _____
EH-3x	Standard Procedure	EH-3x-SP-02 Rev 4

1. PURPOSE

This Standard Procedure specifies how the Office of Environment, Safety and Health (EH) will survey nuclear safety research performed or being performed outside of the Office of Nuclear Safety Research (including outside of the Department of Energy), and catalog useful information from such research.

2. APPLICABILITY

This Standard Procedure applies to the Office of Nuclear Safety Research (ONSR). This Standard Procedure is maintained by the Deputy Assistant Secretary for Corporate Performance Assessment.

This Standard Procedure is a living document that will be revised as conditions change, and as experience shows ways to improve it. ONSR welcomes constructive comments on this procedure.

3. OBJECTIVES

The process established by this Standard Procedure will identify and catalog nuclear safety research conducted outside of ONSR that could have Department-wide applications. Nuclear safety research conducted or funded by ONSR will be disseminated in accordance with EH-3x – SP-04. The objectives of this effort are to:

- make information about nuclear safety research readily available to DOE organizations
- improve the planning of nuclear safety research to be conducted by ONSR through knowledge of similar past and ongoing research
- ensure that there is no duplication of nuclear safety research to be conducted by ONSR

4. RESPONSIBILITIES

4.1. The ONSR staff

- Establishes and maintains points of contact for nuclear safety research conducted by the Department's nuclear line organizations (NA, EM, SC, NE and RW) and outside agencies (e.g., the NRC, DNFSB, NEI, EPRI, IAEA, and UK-NII).
- Identifies, compiles, and catalogs past, ongoing and future nuclear safety research conducted by those organizations.
- Disseminates this information, and applies it to the research prioritization and planning process.

4.2. Director of the Office of Nuclear Safety Research

- Directs the surveying and cataloging of nuclear safety research conducted by the Department's nuclear line organizations and outside agencies.

- Establishes and implements a communication plan through which other organizations are made aware of how the office's research relates to nuclear safety research conducted elsewhere.
- Directs the development of the annual nuclear safety research plan, which may discuss research conducted outside the office.

5. REQUIREMENTS

5.1. Surveying Nuclear Safety Research Conducted Outside of ONSR

- 5.1.1. Surveys of nuclear safety research limit the research information to be gathered by the following criteria:
 - No classified material will be collected.
 - The research must address nuclear safety issues relevant to DOE, rather than research focused towards improving production, weapon design, etc., or general safety issues with little nuclear safety impact (e.g., OSHA compliance).
 - Priority will be given to:
 - recent and ongoing research, rather than old research
 - research addressing issues related to potential high-consequence (low-probability) nuclear accidents
 - research having the potential to impact many of DOE nuclear operations and facilities
 - research offering complete results and methodologies, rather than research that will be fully shared only through additional costs to DOE.
- 5.1.2. ONSR will establish points of contacts within the Department's nuclear line organizations (NA, EM, SC, NE and RW) and identify past, ongoing and future nuclear safety research conducted by those organizations. The ONSR staff will track the progress of this research, and the points of contact will provide information on plans and results of this research, preferably in electronic form that can be posted on the ONSR website.
- 5.1.3. ONSR will establish points of contacts within nuclear safety research organizations outside of the Department, such as the US Nuclear Regulatory Commission (NRC), the Defense Nuclear Facilities Safety Board (DNFSB), the Nuclear Energy Institute (NEI), the Electric Power Research Institute (EPRI), the International Atomic Energy Agency (IAEA), and the United Kingdom Nuclear Installation Inspectorate (UK-NII). Through these contacts, the ONSR staff will identify past, ongoing and future nuclear safety research conducted by those organizations. The ONSR staff will track the progress of this research, and the points of contact will provide information on plans and results of this research, preferably in electronic form that can be posted on the ONSR website.

5.2. Cataloging Nuclear Safety Research Outside of ONSR

- 5.2.1. The ONSR staff will compile and catalog information on nuclear safety research gathered from the surveys discussed above. The staff will note the extent to which research methods and results are available to DOE, and where additional expense or cooperation with the research organizations are required to obtain fuller results and research information.
- 5.2.2. When appropriate, the ONSR staff will post (or link) on the ONSR website electronic versions of information about nuclear safety research conducted by outside organizations.
- 5.2.3. When evaluating and prioritizing nuclear safety research needs, the EH-3 staff will correlate these needs with the catalog of nuclear safety research to ensure that new research is really needed, or to identify opportunities to capitalize on similar research already performed.

6. REFERENCES

DOE Implementation Plan to Improve Oversight of Nuclear Operations (in response to Defense Nuclear Facilities Safety Board Recommendation 2004-1), Rev. 1, June 2005

DOE Standard Procedure, EH-3x-SP-01, *Identification, Prioritization, and Approval of Nuclear Safety Research*

DOE Standard Procedure, EH-3x-SP-03, *Managing Contracted Nuclear Safety Research Projects*

DOE Standard Procedure, EH-3x, SP-04, *Disseminating Nuclear Safety Research Results*

7. DEFINITIONS

None.

8. ATTACHMENTS

Form for cataloging nuclear safety research conducted outside the Office of Nuclear Safety Research.

Nuclear Safety Research Conducted Outside of ONSR

Title

Organization

Summary of Research (include objectives, methodology, key results, and major conclusions)

Dates Conducted

Products of Research

Costs

Related Research

Keywords

Relevance to DOE operations